# Operating instructions
**for built-in refrigerators**

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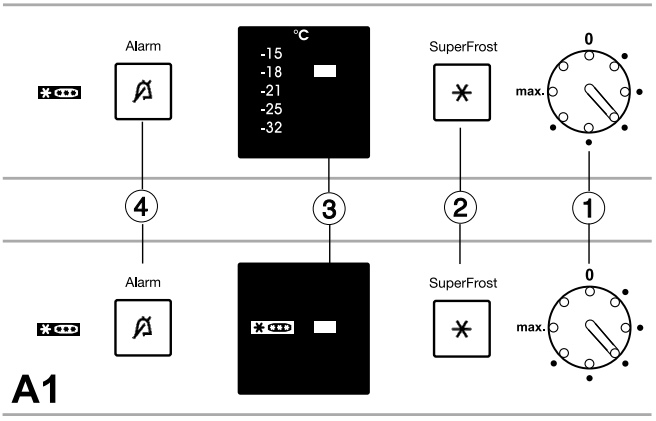
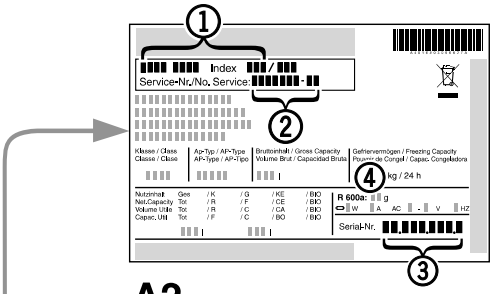



A1

## Operating and control elements, fig. **A1**

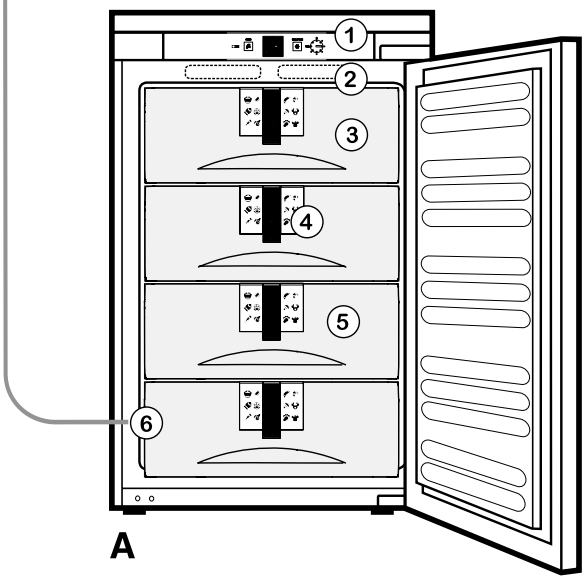
① On/Off and temperature control
② SuperFrost button, lit = function activated.
③ Green light/operational display,
with °C scale = freezer temperature setting display*
④ Audible warning on/off button,
with visual warning light: temperature too high




A2

### **Type/Data plate**, fig. **A2**

① Type designation
② Service No.
③ Serial No.
④ Freezer capacity in kg/24 hours




A

## Description of appliance and equipment

Fig. **A**

① Operating and control elements

② Cold-storage accumulator*

③ Freezer tray*

④ Drawers with information system*

⑤ VarioSpace thanks to removable intervening shelves*

⑥ Type plate



* Depending on model and options

Keep these operating instructions in a safe place and pass them on to the next owner, where applicable.
The operating instructions apply to several models. Differences may therefore occur.

## Contents

Page


**Operating instructions**
The appliance at a glance ..... 8
Contents ..... 9
Safety regulations ..... 9
Notes on energy saving..... 9
Safety instructions and warnings ..... 9
Disposal notes ..... 9
Setting up..... 10
Connecting to the mains ..... 10
Operation and control elements..... 10
Switching the appliance on and off..... 10
Setting the temperature..... 10
Temperature display..... 10
Audible warning signal ..... 10
SuperFrost..... 11
Notes on freezing and storage ..... 11
Equipment ..... 12
Information system..... 12
Freezer tray ..... 12
Cold-storage accumulators ..... 12
VarioSpace* ..... 12
Cleaning ..... 12
Troubleshooting ..... 13
Customer service and type plate..... 13


### Safety regulations §

- The appliance is designed to freeze and store food and to make ice. It is designed as a household appliance. We cannot guarantee that the appliance will work properly if it is used for another purpose.
- The appliance is set to operate within specific ambient temperature limits according to its climate rating. These temperature limits should not be exceeded. The correct climate rating for your appliance is indicated on the type plate. This is explained as follows:

| Climate rating | for ambient temperature |
|---|---|
| SN, N | up to +32 °C |
| ST | up to +38 °C |
| T | up to + 43 °C |

- The appliance will function properly in ambient temperatures of down to +5°C.
- The refrigerant circuit has been tested for leaks.
- When installed, this appliance corresponds to the relevant safety provisions and EC directives 2006/95/EC and 2004/108/EC.

## Notes on energy saving !

- Ensure that there is adequate space around the appliance for ventilation and air extraction.
- Avoid keeping the door open for too long.
- Store food logically. Do not exceed the storage period specified.
- Keep all food properly packed and covered so as to avoid its frosting up on the outside.
- Always allow hot food to cool to room temperature before placing in the appliance.
- Defrost frozen food in the refrigerator.
- Keep the appliance door shut in the event of a breakdown. This will delay the cold loss and will help to maintain the quality of the frozen food for longer.

## Safety instructions and warnings

### Disposal notes

The packaging is made of recyclable materials.
- Corrugated board/board
- EPS moulded parts
- Polythene sheets
- Polypropylene straps

- **Keep packaging materials away from children - polythene sheets and bags can cause suffocation!**
- Please return the packaging to an official collection point.

**Your old appliance:** This contains some reusable materials and should be disposed of properly - not simply with unsorted household refuse.

- Discarded appliances should be disabled: Remove the plug, cut through the connection cable and render the catch unusable so that children cannot become trapped inside.
- Ensure that the refrigerant circuit is not damaged when the appliance that is no longer needed is taken away for disposal.
- Details of the refrigerant can be found on the type plate.
- Appliances which are no longer needed must be disposed of in a professional and appropriate way, in accordance with the current local regulations and laws.

### Technical safety

- To prevent injury or damage to the unit, the appliance should only be transported wrapped and set up by two people.
- The refrigerant R 600a is environmentally friendly but flammable.
- Do not damage the refrigerant circuit pipes. Splashes of refrigerant can harm your eyes or ignite.
- If refrigerant escapes, remove all naked flames or sources of ignition in the vicinity of the leak, disconnect the appliance from the mains and ventilate the area well.
- In the event that the appliance is damaged, contact the supplier immediately before connecting to the mains.
- To guarantee safe operation, ensure that the appliance is set up and connected as described in these operating instructions.
- Disconnect the appliance from the mains if any fault occurs. Pull out the plug (not by pulling on the mains cable) or switch off or remove the fuse.
- **Any repairs and work on the appliance should only be carried out by the customer service department, as unauthorised work could prove highly dangerous for the user.** The same applies to changing the mains power cable.

### Safety during use

- Do not store explosives or sprays using combustible propellants such as butane, propane, pentane, etc. in the appliance. Electrical components might cause leaking gas to ignite. You can identify such sprays by the printed contents or a flame symbol.
- Only store high-percentage alcohol in tightly sealed, upright containers.
- Do not allow naked flames or ignition sources to enter the appliance.
- Do not use electrical appliances inside the appliance (e.g. steam cleaners, heaters, ice makers, etc.).
- Do not stand on the plinth, drawers or doors or use them to support anything else.
- This appliance is not intended for use by persons (including children) with reduced physical, sensory or mental capabilities or lack of experience and knowledge unless they have been given initial supervision or instruction concerning use of the appliance by a person responsible for their safety. Children should be supervised to ensure that they do not play with the appliance.



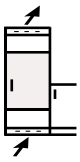


* Depending on model and options

- Avoid prolonged skin contact with cold surfaces or chilled/frozen food. This could cause pain, numbness and frostbite. In the case of prolonged skin contact, protective measures should be taken, e.g. gloves should be worn.
- Do not eat ice-cream, particularly ice lollies or ice-cubes, immediately after taking them from the freezer compartment as there is a risk of "burning" because of the very cold temperatures.
- Do not consume food which has been stored for too long, as it could cause food poisoning.

## Installation and ventilation information

- When setting up/fitting ensure that the refrigerant circuit pipes are not damaged.
- Avoid positioning in direct sunlight or next to an oven, radiator or similar.



- **Do not block the ventilation areas. Always ensure that there is good ventilation and that the outward flowing air is able to escape!**
- Standard EN 378 specifies that the room in which you install your appliance must have a volume of 1 $m^3$ per 8 g of R 600a refrigerant used in the appliance, so as to avoid the formation of inflammable gas/air mixtures in the room where the appliance is located in the event of a leak in the refrigerant circuit. The quantity of refrigerant used in your appliance is indicated on the type plate on the inside of the appliance.
- Fit the refrigerator/freezer in stable kitchen units only.
- Please follow the enclosed installation instructions.
- Remove all transportation safety components.

### Connecting to the mains

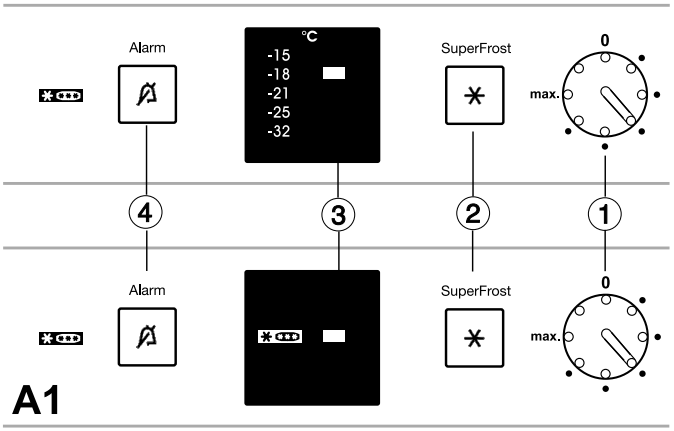
**Power supply (AC) and voltage**
at the operating point must comply with the details on the type plate, which is located inside the appliance on the left, fig. **A**.

- **Connect the appliance with a properly earthed fused plug and socket only.**
- The socket must be fused with a 10 A fuse or higher, it must be away from the rear of the appliance and must be easily accessible.
- **Do not**

- connect to stand-alone inverters,
- operate with so-called energy-saving plugs - this can damage the electronic system.
- connect to the supply with other equipment using an extension cable - risk of overheating.

- When removing the mains cable from the back of the appliance, remove the **cable holder** to prevent vibration noise.

## Operation and control elements




A1

### Switching the appliance on and off, fig. **A1**

- **Switching on:** Turn the temperature control ① with a coin so that the slot is pointing to setting 2.
- A green light on the display ③ will light up and indicate that the appliance is in normal mode.
- The red visual warning light will be on until the freezer has reached a sufficiently low tempera-ture, then it goes out. See "Audible warning signal, red visual warning light" for more information.
- **Switching off:** Set the temperature control to **"0"** .
- The temperature display and all buttons will go out.

### Setting the temperature, fig. **A1**

- Turn the temperature control ① with a coin:
- until the display ③ next to the temperature range wanted (-18 °C)* is illuminated, or
- turn the slot of the temperature control to setting 3, fig. A1. The setting of the slot significy.

**Setting 1** = **lowest cooling setting**
lowest cooling setting
**Setting "max."** = **lowest temperature**,
highest cooling setting

- Recommended temperature setting: -18 °C or control setting 3.

### Temperature setting display*, fig. **A1**/③

- When the temperature display is illuminated, this indicates that the appliance is running.
- The five blocks in the display each relate to a different temperature range. They indicate the freezer temperature setting you have selected.
- Within the temperature / setting range, e.g. when the display reads -15 °C to -18 °C, or between two settings*, the temperature can be set slightly colder. If required, slowly turn the temperature control ① further - the light displaying the temperature range, e.g. -18 °C, **flashes** for a short time. This confirms the higher setting within the small temperature range.

### Audible warning signal*, red visual warning light, fig. **A1**

The audible warning signal and the red visual warning light are designed to help you to protect your frozen food and to save energy.

- **The audible warning device is switched off** by pressing the audible warning button ④ or
- It switches off automatically as soon as the temperature is low enough.
- It always sounds if the freezer temperature is not low enough (dependent on the temperature setting).



* Depending on model and options

- The **red** visual warning light will **flash** simultaneously. This can be caused by:
- warm, fresh food being placed in the freezer,
- too much warm air from the outside entering when re-arranging or removing frozen food. These temperature fluctuations will not affect the quality of the frozen food.

- When the audible warning on/off button is pressed, the **visual warning light** will stop flashing and will light up continuously. It will only go out once the alarm status stops and the temperature inside the freezer is low enough. The audible warning signal is now automatically **reset**.

- If the SuperFrost button **flashes at the same time** as one of the lights on the temperature display, this means that your appliance has a fault. Contact your customer service department and tell them that this visual warning is active, so that they can arrange for your appliance to be serviced accurately and quickly.

# SuperFrost, notes on freezing and storage

## SuperFrost, Fig. **A1**

**Fresh** food should be frozen to the core as rapidly as possible. Frozen food can also be given a cold boost. This is provided by the SuperFrost facility and ensures that the nutritional value, appearance and flavour of the food remain intact.

- The maximum amount of food which can be frozen in 24 hours is shown on the type plate ("Freezing capacity... kg/24h", fig. **A2**, pos. ④ . This amount varies according to the model and climate rating.

## Freezing with SuperFrost

- Briefly press the SuperFrost button ② so that it is illuminated - at the same time the coldest set value of the temperature display is illuminated.
  The freezer temperature will decrease and the appliance will switch to the lowest temperature.

- For small amounts of frozen food, it is normally sufficient to switch on SuperFrost 6 hours beforehand. For the **maximum** amount (see freezing capacity on the type plate) you will need to switch it on 24 hours beforehand.
- Then place the fresh food inside the freezer, preferably in the lower drawers.
  For the **maximum** amount, freeze the packed food **without** drawers. Place it straight onto the shelves and, once frozen, put it in the drawers!
- SuperFrost switches off **automatically** after about 65 hours. The freezing operation is concluded - the **SuperFrost button is dark**, the set temperature value is again illuminated - the appliance resumes the normal energy-saving mode.

**Note:** When the SuperFrost function is activated the appliance will be running at full capacity, so the refrigeration unit will sound slightly louder for a while.

You should **not** switch on the SuperFrost function:
- when placing frozen food in the freezer;
- when freezing up to approx. 2 kg fresh food daily.

## Notes on freezing and storage

- **Items suitable for freezing:** meat, game, poultry, fresh fish, vegetables, fruit, dairy products, bread, baked goods, pre-cooked meals. **Not suitable:** lettuce, radishes, grapes, whole apples and pears, fatty meat.
- **Pack frozen food** in standard freezer bags or reusable plastic, metal or aluminium containers.
- Do not allow fresh food which is to be frozen to come into contact with food already frozen. Always keep packs dry in order to avoid them sticking together.
- Always write the date and contents on the pack and do not exceed the stated storage time for the food. This prevents any risk of quality impairment.
- Pack food which you are freezing yourself in quantities appropriate to your household. To ensure that the food freezes right through quickly, the following quantities should not be exceeded per package:
- fruit, vegetables: up to 1 kg;
- meat: up to 2.5 kg.
- Blanch **vegetables** after washing and cutting them. (Add to boiling water for 2-3 minutes, remove and quickly cool down in cold water. If you blanch with a steamer or microwave oven, please observe the relevant operating instructions.)
- Do not salt or season fresh food or blanched vegetables before freezing. Only lightly salt and season other food. Some spices can alter their flavour intensity.
- Do not freeze bottles and cans which contain carbonated drinks as they might burst. Drinks can be cooled down quickly, but take the bottles out of the freezer compartment after an hour at the most.

- **Storage**: Each drawer and shelf can take up to 25 kg frozen food.
- If you want to use the maximum net capacity, you can remove all the drawers and shelves (please refer to the "VarioSpace" section for removal).
- Always store identical food items together to avoid the door being open for unnecessarily long periods and to save energy.
- Do not exceed storage times given.

- **Thawing**: Only take out as much food as is immediately required for thawing. Cook food which has been thawed as quickly as possible.

**Frozen food can be thawed in the following ways:**
- in a conventional or fan oven
- in a microwave oven
- at room temperature
- in the refrigerator: the cold given off by the frozen food is used for cooling the other food.
- Flat portions of meat or fish can be cooked when partially thawed.
- Vegetables can be cooked from frozen (in half the normal time).

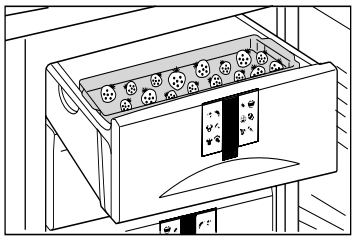
# Equipment

## Information system*

Use frozen food within the recommended period.
The numbers between the symbols indicate the storage period in months for different kinds of frozen foods.
Storage times given are guide times for food frozen at home. Whether or not the lower or upper value is applicable depends on the food quality and how it was processed prior to freezing. The lower values always apply to food with a high fat content.

## Freezer tray*

This is used for gently freezing berries, herbs, vegetables and other small items and prevents them from sticking together. Items being frozen will largely retain their shape, and it will be easier to remove exactly the right quantity later on.



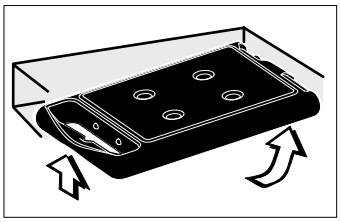
- Spread the items out loosely on the tray.
- Freeze for 10 to 12 hours, then transfer to a freezer bag or container and put in a drawer.
- To defrost, spread the frozen items out loosely.

## Cold-storage accumulators*

These prevent the temperature in the freezer from rising too quickly in the event of a power failure, thus preserving the quality of the food.
You can freeze and store the cold-storage accumulators either in the freezer tray or in the ceiling of the freezer compartment*.

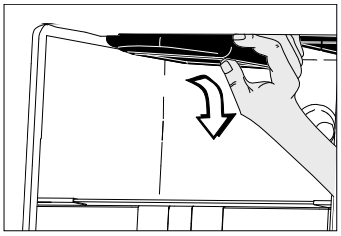
- **Inserting cold-storage accumulators:**

Remove the top drawer. Slide the cold-storage accumulator to the top back of the freezer compartment ceiling and snap it into place at the front.



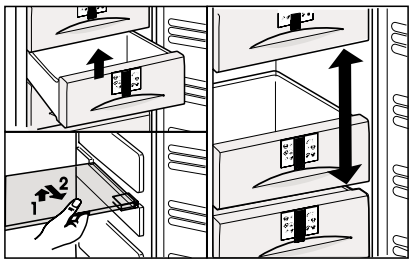
- **Removing cold-storage accumulators**:

Remove the top drawer. Take hold of the cold-storage accumulator at the side and press it down for removal.



## VarioSpace*

- You can create a double-height space for **big items of frozen food** by removing a drawer and a shelf. This enables you to freeze such things as poultry or big pieces of meat without having to cut them up first, so they can be served "whole" afterwards, and to store other large items such as big gateaux or packs of ice.
- Depending on how much space you need, you can remove 1, 2, or all the drawers and shelves to use the entire interior.
  Please note however that the maximum load of a shelf is 25 kg.
- **Removing the drawer**: Pull forward until the drawer stops and lift out.
- **Removing the shelf**: Lift up at the front and pull out.
- To insert: simply push shelf in as far as it will go.




# Cleaning

## Notes on defrosting

After the appliance has been in operation for a lengthy period, a layer of frost or ice will form in the freezer compartment, depending on how often the door is opened and warm food is placed inside. This is completely normal.
However, a thick layer of ice will increase the appliance's energy consumption. You should therefore defrost the appliance regularly:

- Switch on SuperFrost one day before defrosting. The frozen goods are provided with a "cold reserve".
- Thawing:Remove the plug or set the temperature control to "0".
- If possible, put the frozen goods in the freezer drawer, wrap in newspaper or a blanket and store in a cool place.
- To speed up the defrosting process put a saucepan of hot but not boiling water on one of the shelves.
  Do not use electric heaters or steam cleaners, defrosting sprays or naked flames for defrosting nor any metal objects for removing the ice. Risk of injury and damage!
- Leave the door of the appliance open while defrosting.
  Soak up residual defrost water with a cloth. Then clean the appliance and wipe dry

## Cleaning

- **Always disable the appliance for cleaning. Disconnect from the mains or unscrew or switch off the fuse.**
- Clean the outer walls, inside and equipment by hand with lukewarm water and a little detergent. Because of the risk of injury and damage to the appliance, steam cleaning equipment should not be used.
- We recommend using a soft cloth and an all-purpose cleaner with a neutral pH value. Only use food compatible cleaning and care agents on the inside of the appliance.
- Do not use abrasive sponges or scourers, do not use concentrated cleaning agents and never use cleaning agents containing sand, chloride or acid or chemical solvents, as these would damage the surfaces and could cause corrosion.



* Depending on model and options

- Ensure that no cleaning water is allowed to penetrate into the electrical components or ventilation grilles. Dry the appliance.
- Do not damage or remove the type plate on the inside of the appliance as this is important for customer service.

- Then connect/switch on the appliance, switch on SuperFrost and start to insert the food to be frozen as the temperature drops.

If the appliance is to be **left switched off for any length of time** empty the appliance, disconnect from the mains, clean as described above and leave the door open so as to avoid odours.

# Troubleshooting

Your appliance is designed and manufactured for a long life span and reliable operation.
If a malfunction nonetheless occurs during operation, check whether it is due to an operating error. Please note that during the warranty period the resultant servicing costs in this case will have to be borne by the owner.
You may be able to rectify the following faults by checking the possible causes yourself:

**Malfunction** - Possible cause and remedy

**Appliance does not work, the display is off**
- Is the appliance switched on properly?
- Is the mains plug properly inserted in the socket?
- Is the socket fuse intact?

**Loud running noise**
- Is the appliance standing firmly on the floor, or does the compressor cause nearby items of furniture or objects to vibrate?
  If necessary, move the appliance slightly, align by adjusting the adjustable feet, or move bottles and containers apart.
- **Burbling noises** are normal. These are caused by the refrigerant flowing round the refrigerant circuit.
  A short **clicking sound**: This will be heard whenever the refrigeration unit (the motor) switches on or off automatically.
  **Motor noise:** This will be slightly louder for a brief period when the refrigeration unit switches on. The refrigerating capacity will increase when the SuperFrost function is activated, fresh food has just been placed in the appliance or the door has been left open for a while.

**The audible warning signal sounds, the temperature is not cold enough**
- Have you put too much fresh food into the freezer **without** activating SuperFrost? (See "SuperFrost")
- Does the door close properly?
- Is the appliance sufficiently well ventilated?
  Clear ventilation grilles if necessary.
- Is the ambient temperature too hot?
  (See "Safety regulations")
- Has the appliance been opened too often or left open too long?
- If applicable, wait until the appliance reaches the required temperature itself.

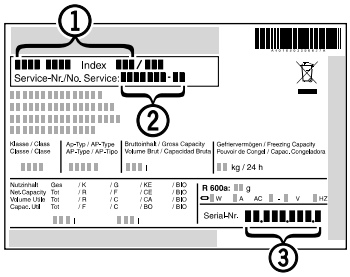
## Customer service and type plate

If none of the above causes apply and you cannot rectify the fault yourself, or if the temperature display reads "F 0" to "F 5", this means that there is a fault. Please contact your nearest customer service department (see enclosed list for addresses), indicating the **warning displayed**, together with the

**type designation** ① **service No.** ② ,

**serial No.** ③

of the type plate. This will help us to provide you with a faster and more accurate service. The type plate is located inside the appliance on the left-hand side.
Leave the appliance shut until the customer service engineer arrives so as to prevent any further cold loss.




The manufacturer works constantly on the further development of all the types and models. Therefore please understand that we have to reserve the right to make design, equipment and technical modifications.



* Depending on model and options